

FIG. 1

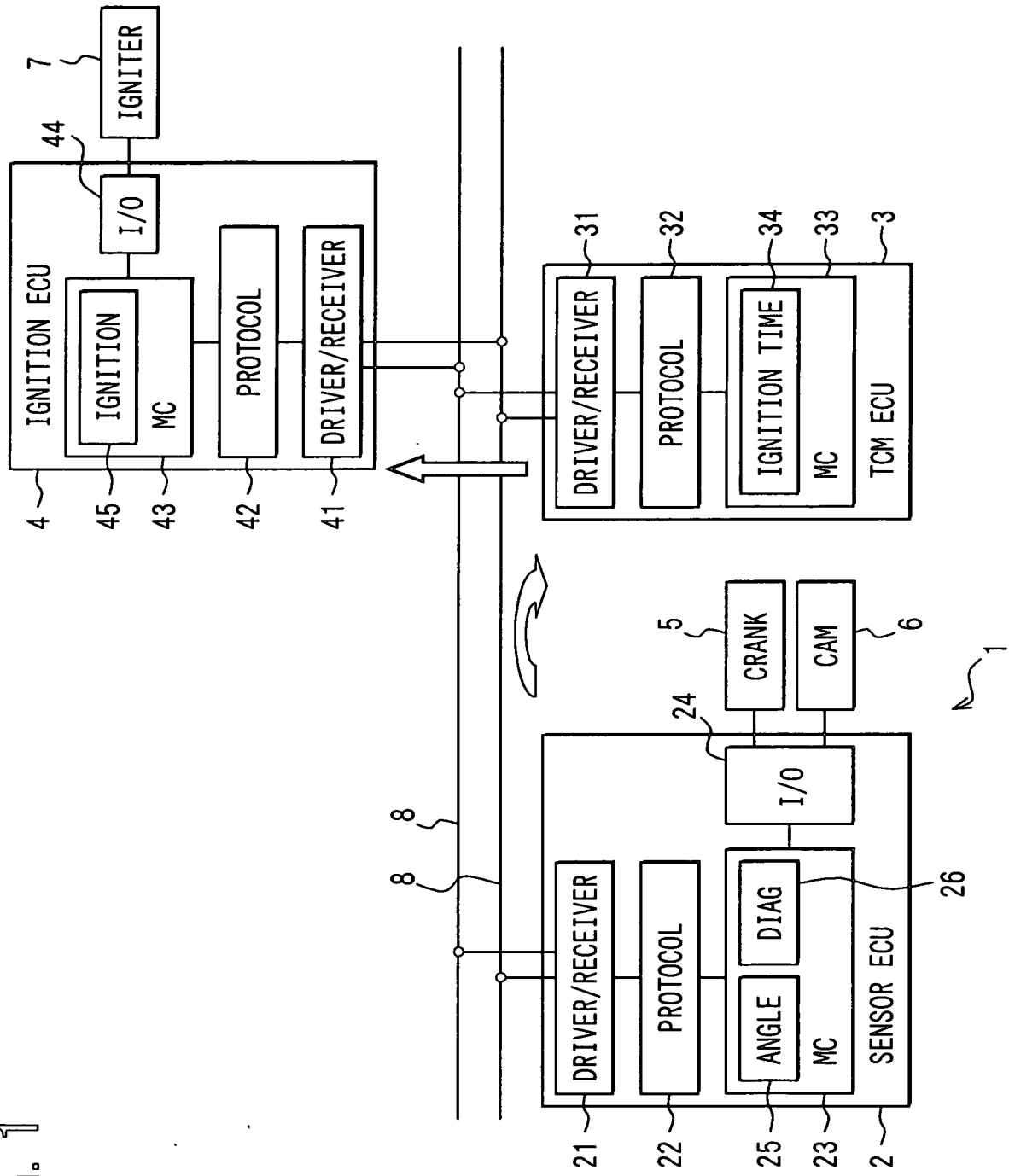


FIG. 2

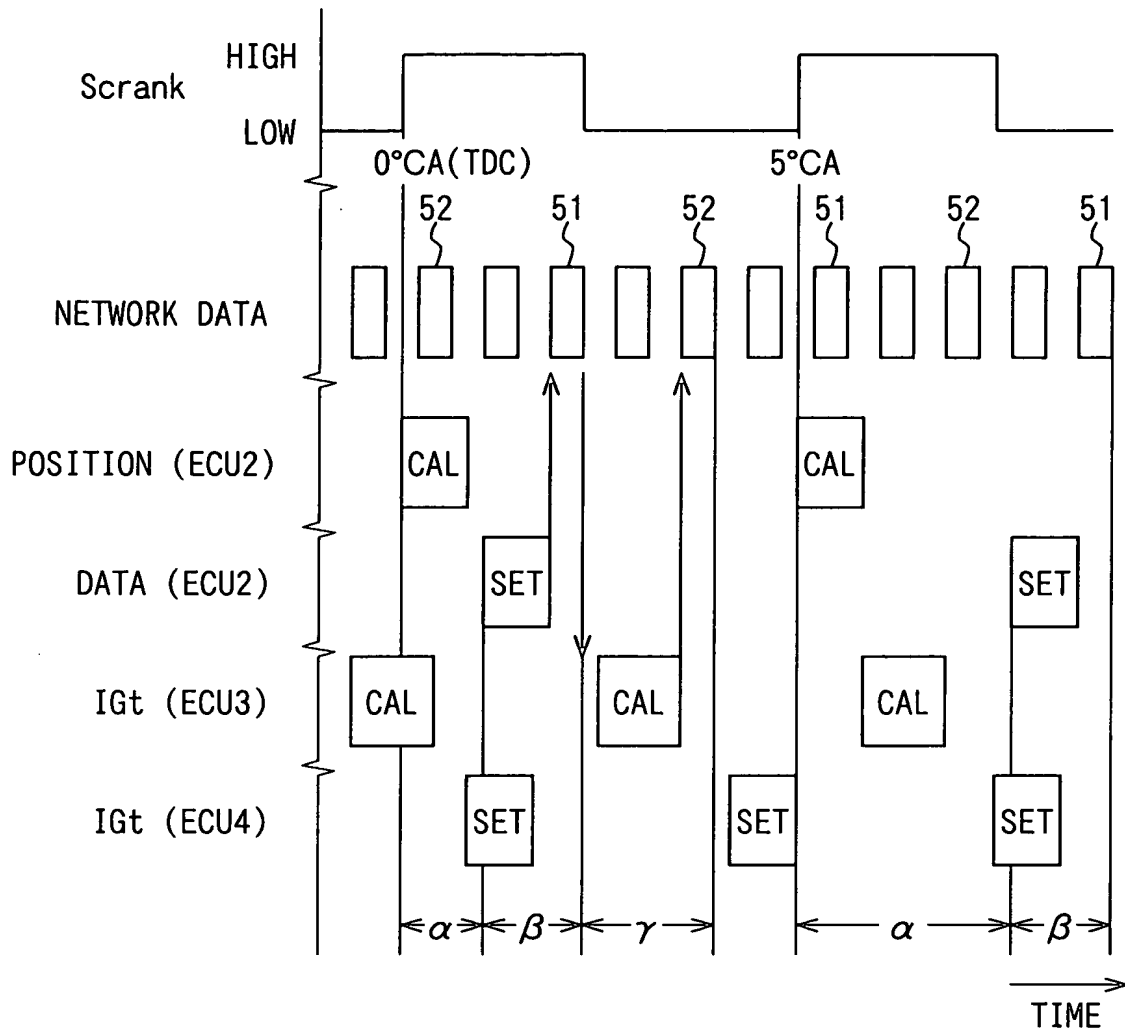


FIG. 3

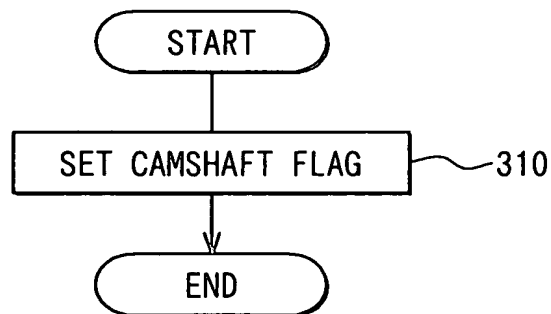


FIG. 4

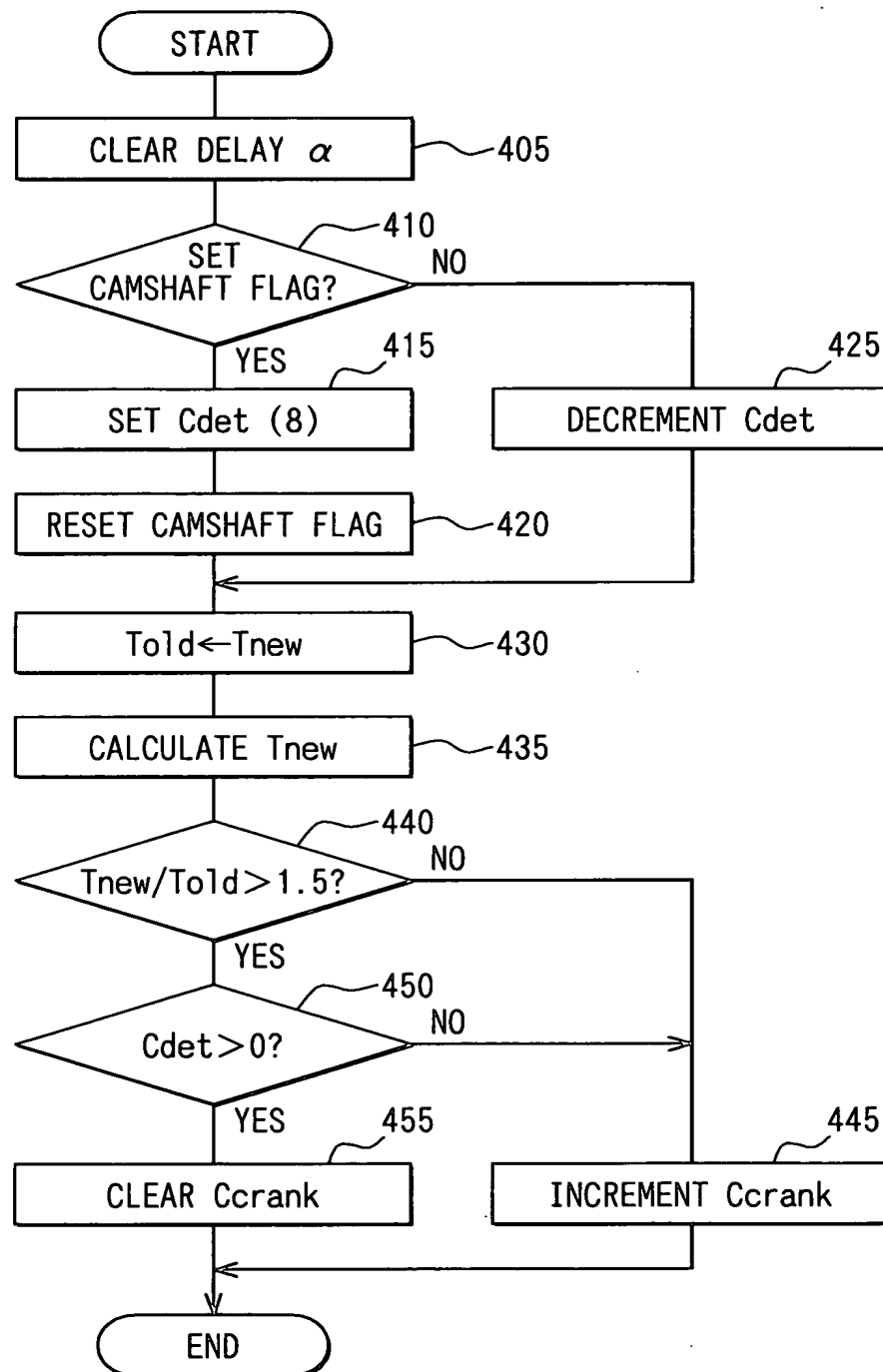


FIG. 5

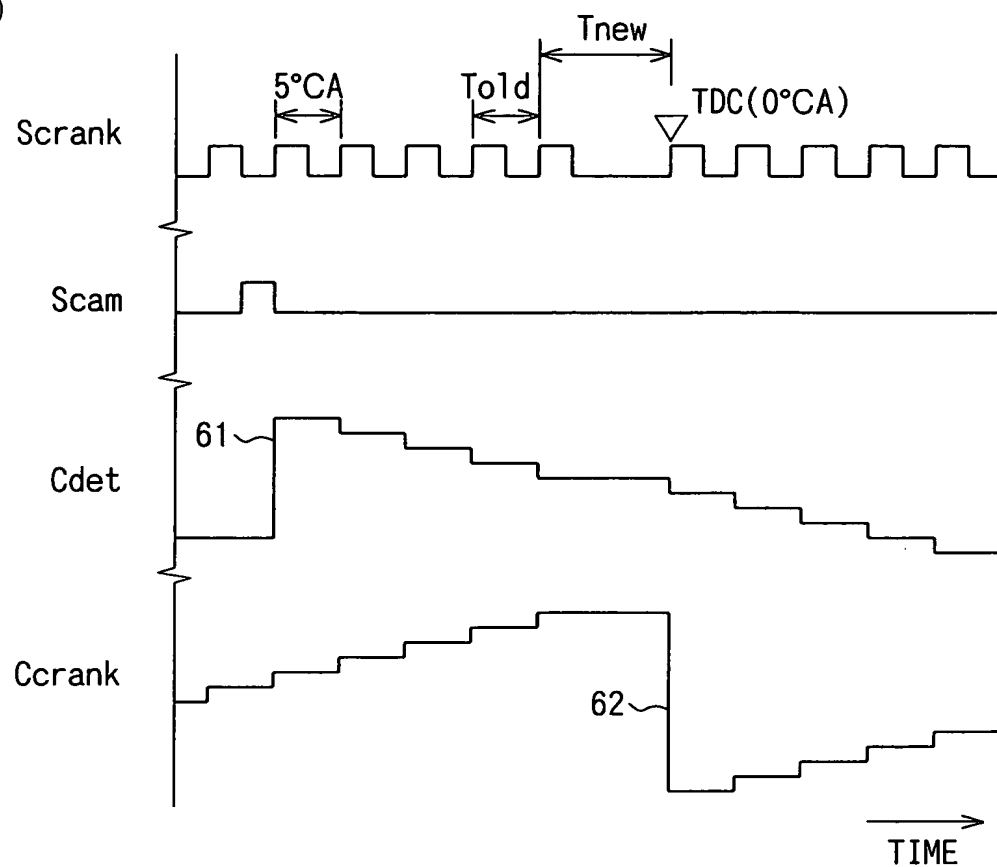


FIG. 6

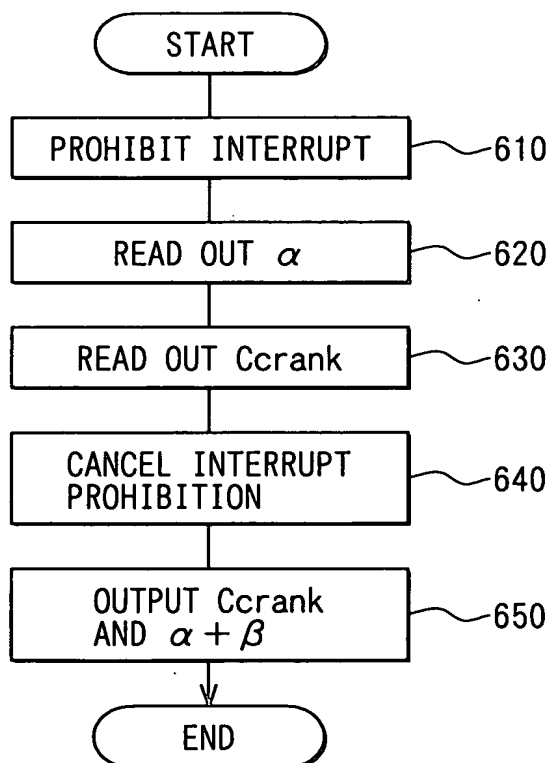


FIG. 7

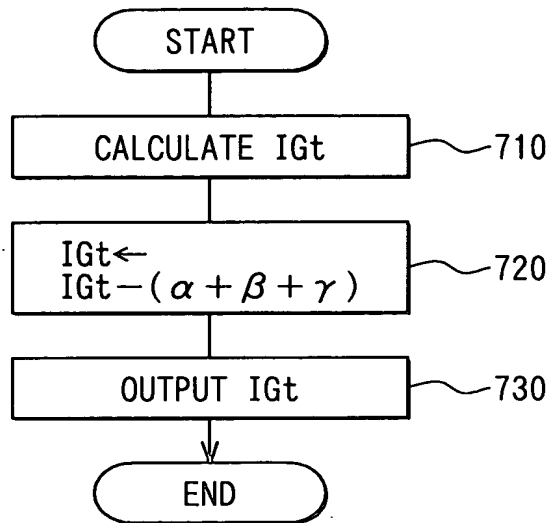
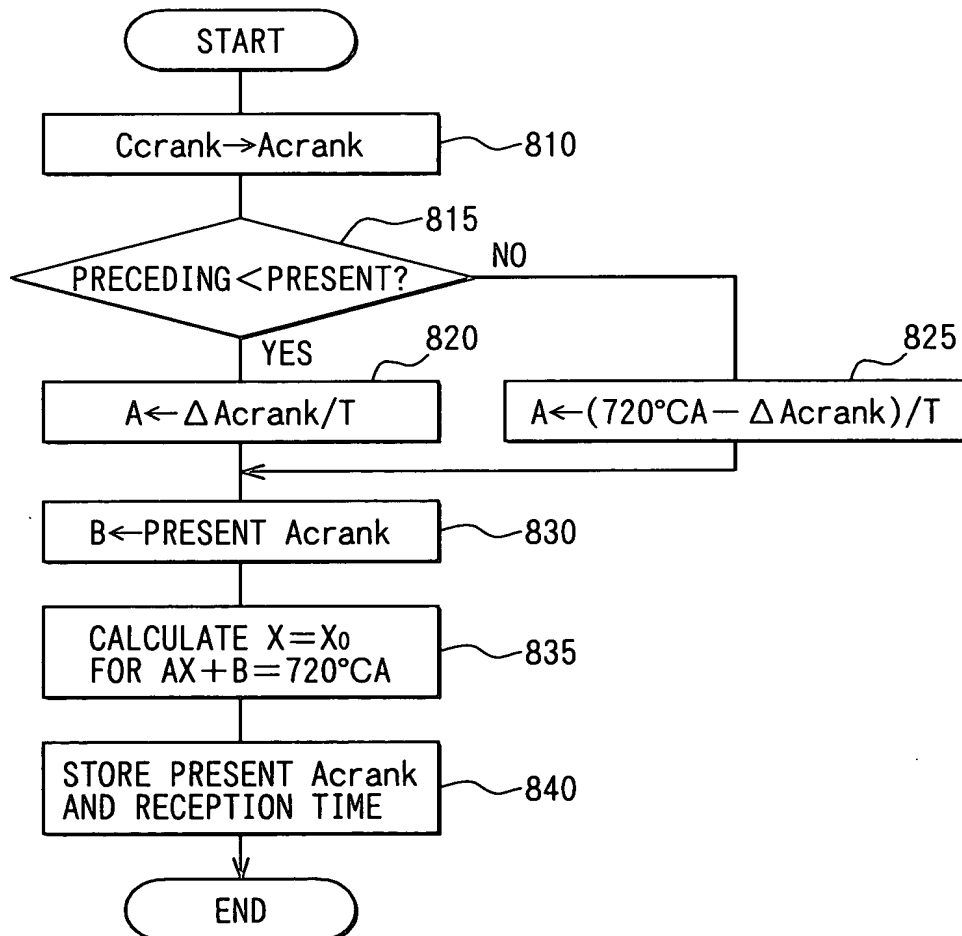
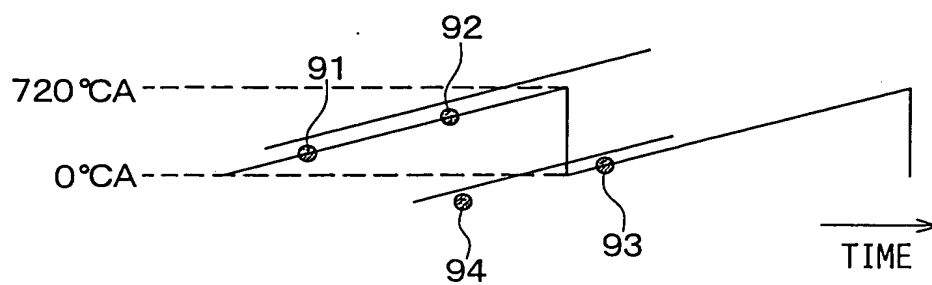


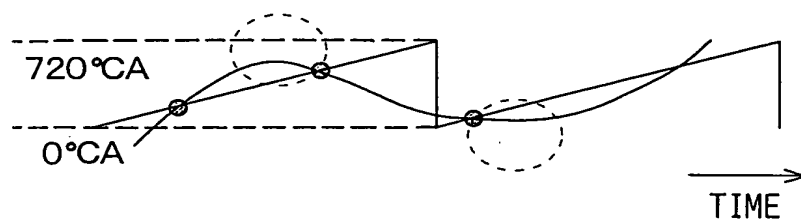
FIG. 8



**FIG. 9**



**FIG. 10A**



**FIG. 10B**

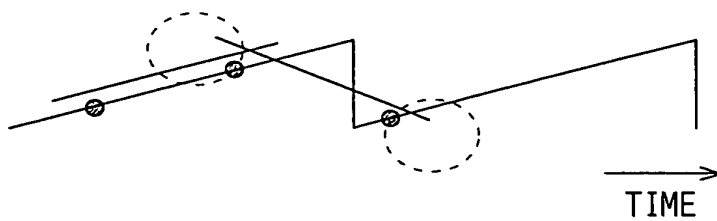


FIG. 11

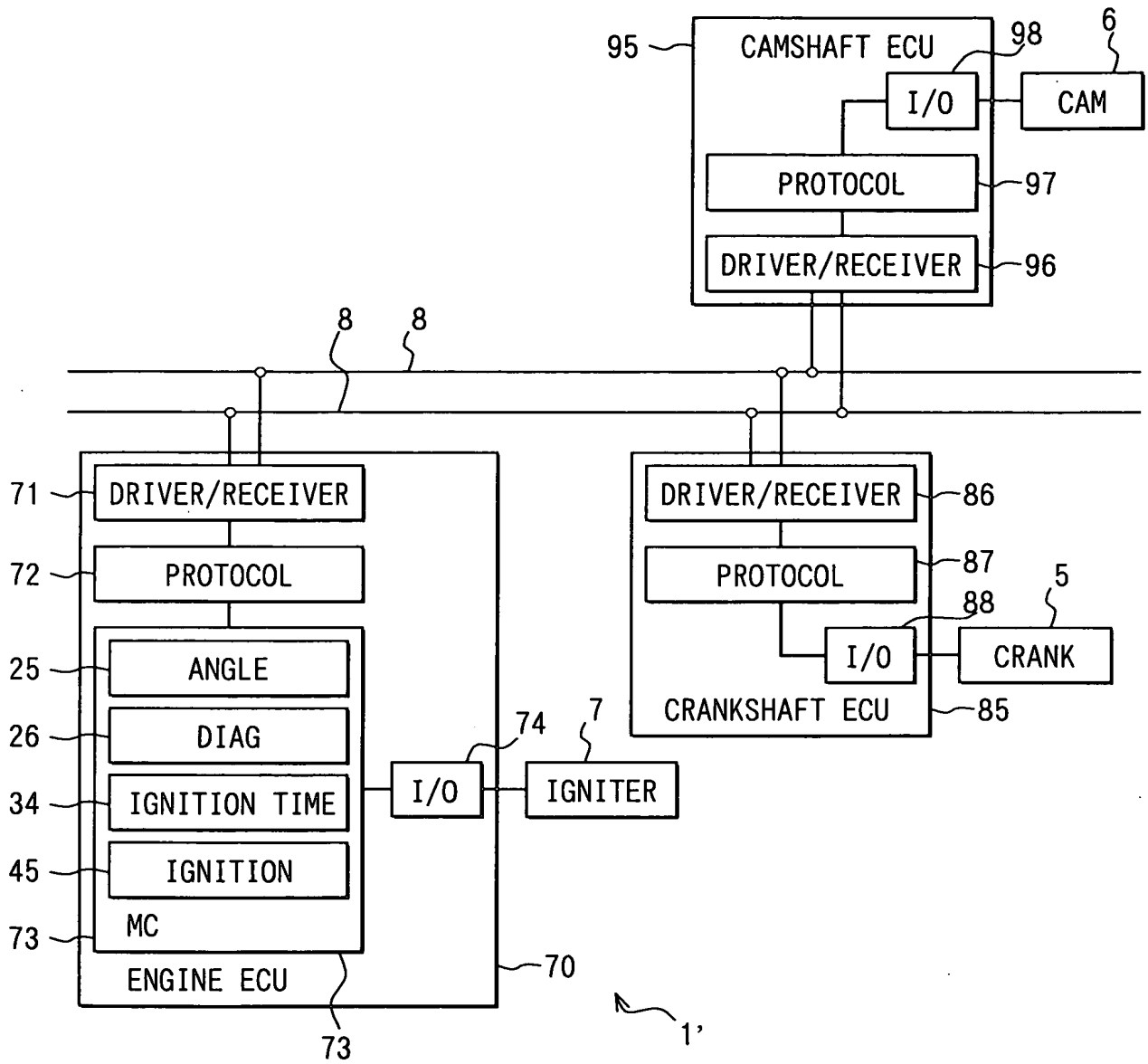


FIG. 12 PRIOR ART

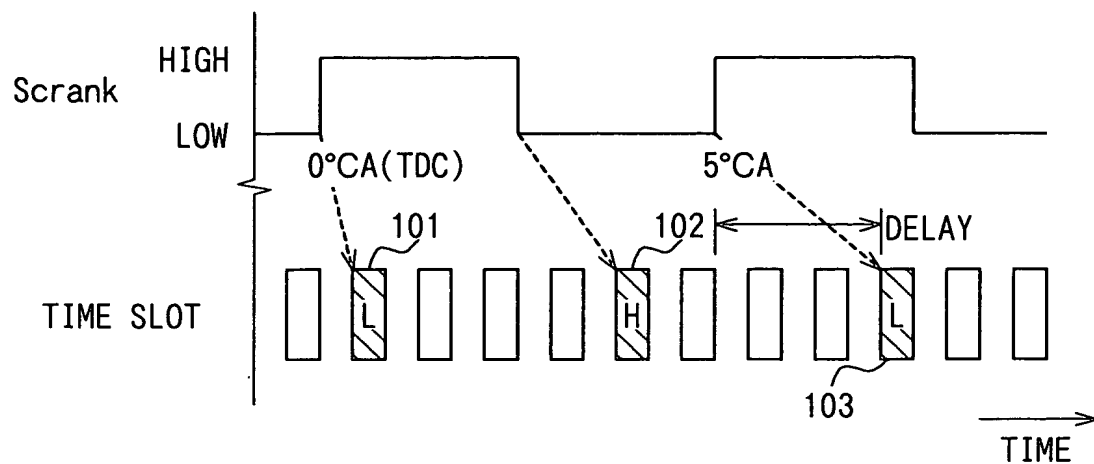


FIG. 13 PRIOR ART

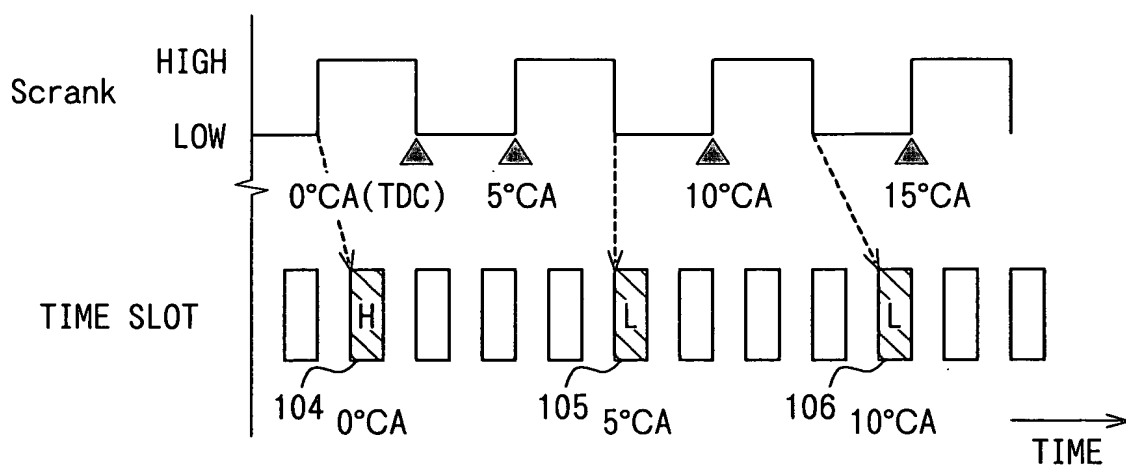




FIG. 14

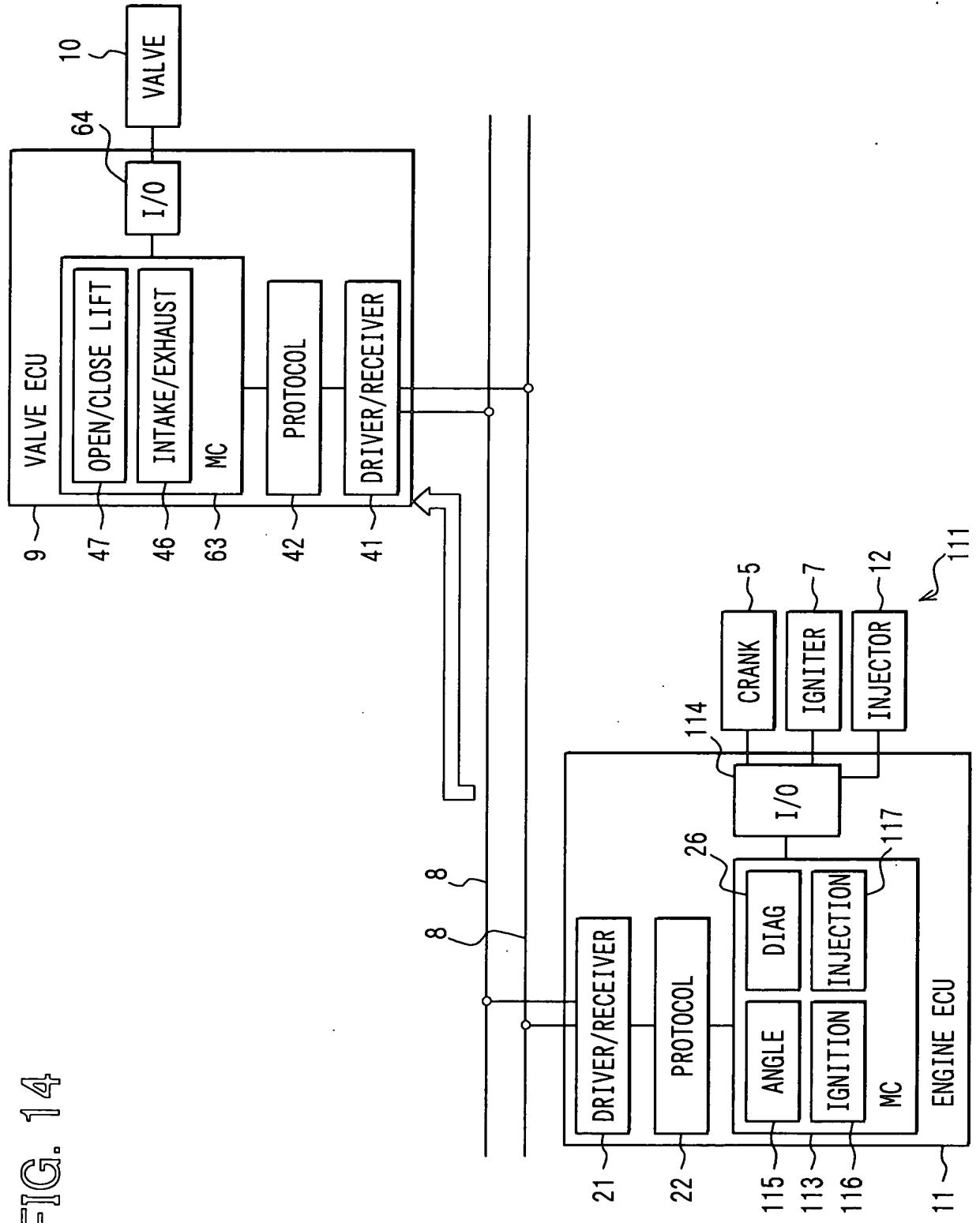


FIG. 15

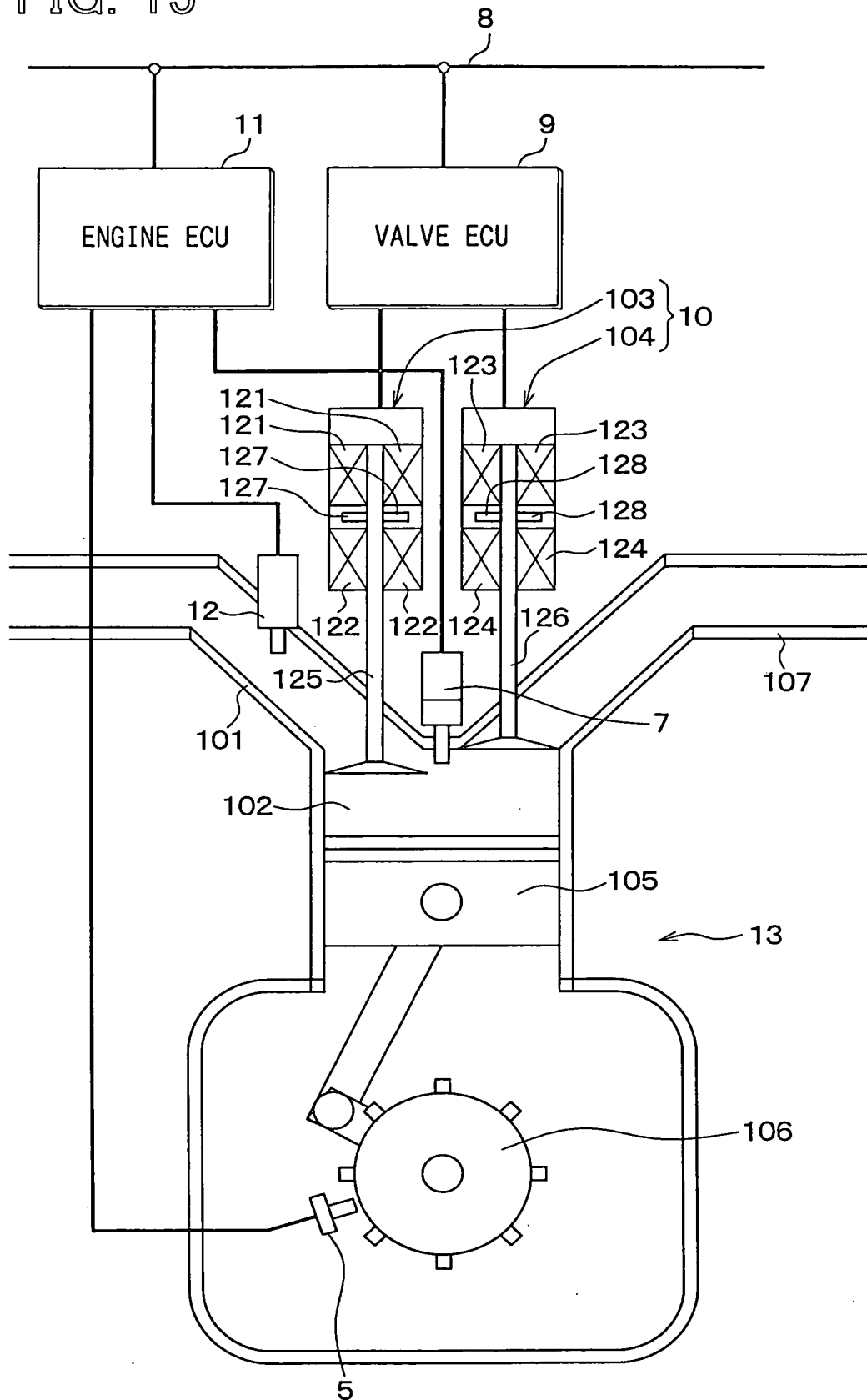


FIG. 16

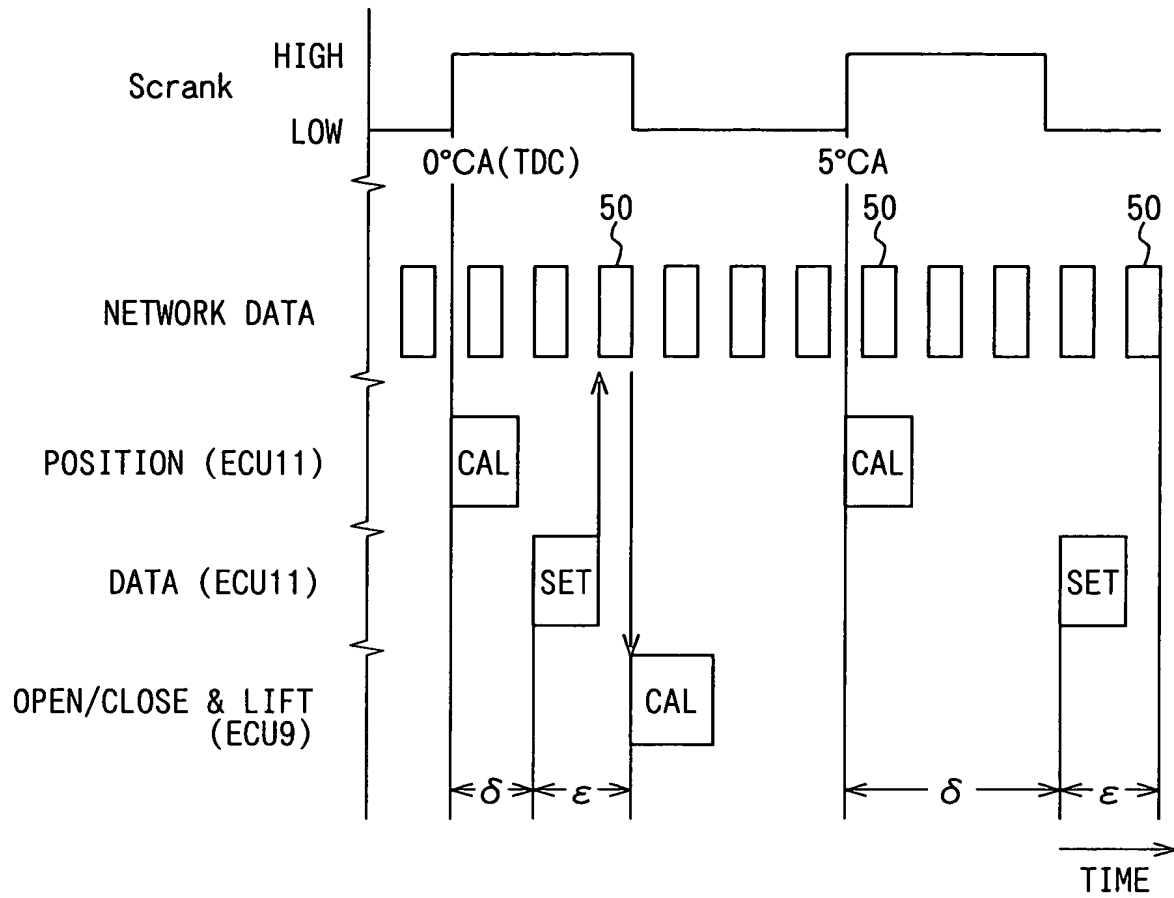


FIG. 17

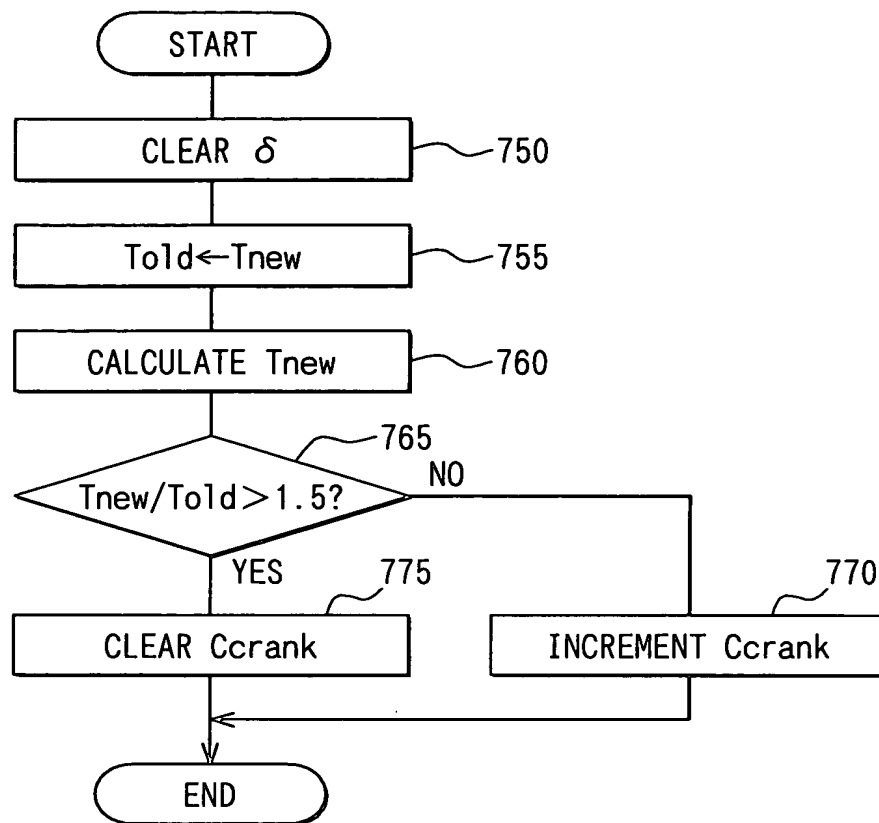


FIG. 18

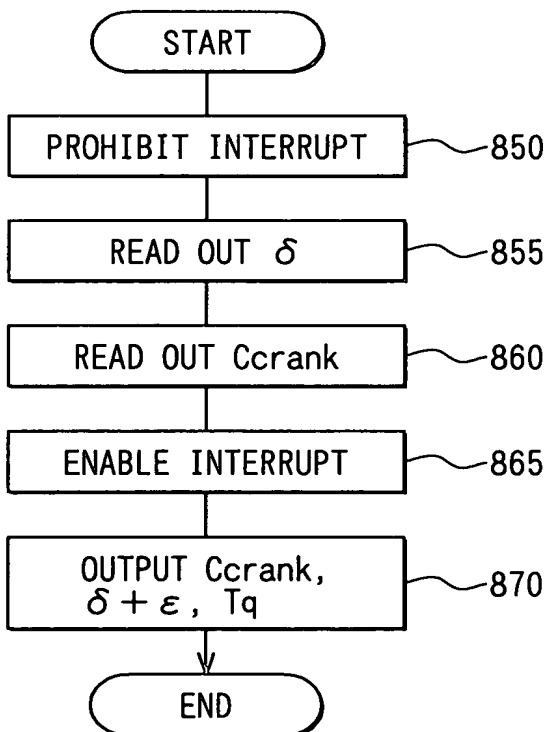
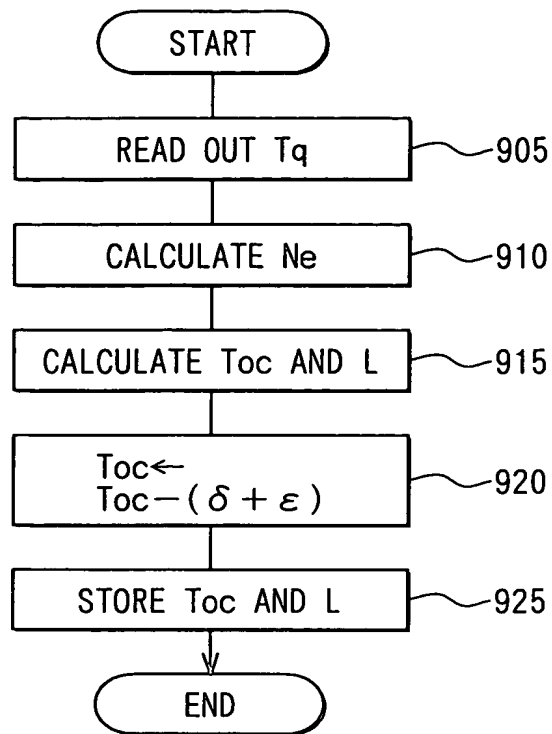


FIG. 20



CYLINDER	0°C A ~ 180°C A	180°C A ~ 360°C A	360°C A ~ 540°C A	540°C A ~ 720°C A
#1	SUCTION	COMPRESSION	EXPLOSION	EXHAUST
#2	COMPRESSION	EXPLOSION	EXHAUST	SUCTION
#3	EXHAUST	SUCTION	COMPRESSION	EXPLOSION
#4	EXPLOSION	EXHAUST	SUCTION	COMPRESSION

720°C A